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Substitute for 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet <u>1</u> of <u>1</u>	Complete if Known	
	Application Number	10/697,154
	Filing Date	October 31, 2003
	First Named Inventor	Frederick M. Perkins
	Art Unit	2677 3C76
	Examiner Name	Lugo
	Attorney Docket No.	19529

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
L		US- 372,645	11-01-1887	Tweeddale	
		US- 913,410	02-23-1909	Marbach	
		US- 5,346,266	09-13-1994	Bisbing	
		US- 6,113,160	09-05-2000	Johansson	
		US- 6,575,503	06-10-2003	Johansson	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code‡ Number§ Kind Code¶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*

Examiner Signature	Coch Lugo	Date Considered	6-10-05
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C		US- 5,413,391	05-09-1995	Clavin, et al.	
C		US- 6,709,030	03-23-2004	Furlong	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner Signature	<i>Carl Lugo</i>	Date Considered	6-10-05
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